# NSN 5935-01-188-8903

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-01-188-8903 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, rectangular **Overall Length:** 0.940 inches **Overall Height:** 0.870 inches **Overall Width:** 2.592 inches **Environmental Protection:** Thermal shock resistant and vibration resistant and humidity resistant and salt water resistant **Unthreaded Mounting Hole Diameter:** 0.125 inches Center To Center Distance Between Mounting Facilities Parallel To Height: 0.468 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 2.280 inches **Threaded Device Type:** Coupling facility **Mating End Quantity: Contact Removability:** Removable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 5.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 1000.0 single mating end single contact grouping **Polarization Method:** Guide pin/socket **Connector Locking Method:** Jackscrew **End Application:** An/sys-1 Thready Qty Per Inch (tpi): 32 **Thread Size:** 

0.138 inches

**Terminal Location:** 

Back single mating end single contact grouping

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#### **Contact Material:**

Copper alloy single mating end single contact grouping

#### **Contact Surface Treatment:**

Gold single mating end single contact grouping and nickel single mating end single contact grouping

## **Insert Material:**

Plastic diallyl phthalate single mating end and glass fiber single mating end

## **Contact Surface Treatment Specification:**

Mil-g-45204 ty ii, grade d, cl 1 military specification 1st treatment response single mating end single contact grouping and qq-n-290 cl 2 federal specification 2nd treatment response single mating end single contact grouping

## **Terminal Type:**

Wire wrap single mating end single contact grouping

## **Contact Material Specification:**

Qq-b-750 federal specification single material response single mating end single contact grouping

## **Guide Design And Location:**

Hexagon shape male post left-hand at 6 oclock and hexagon shape male post right-hand at 6 oclock

## **Insert Material Specification:**

Mil-m-14, ty sdg-f or gdi-30f military specification all material responses single mating end

## **Included Contact Quantity:**

117 single mating end single contact grouping

## **Included Contact Type:**

Hermaphrodite single mating end single contact grouping

## **Precious Material And Location:**

Contact surfaces gold

#### **Precious Material And Weight:**

0.117 gold grains, troy

#### **Precious Material:**

Gold

## **Test Data Document:**

81349-mil-c-28731 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

## Thread Series Designator:

Unc

## **Specification Data:**

81349-mil-c-28731/31 government specification

## Shelf Life:

N/a

#### **Unit Of Measure:**

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## Demilitarization:

No

#### Fiig:

A039b0

## Mil-std (military Standard):

Mil-g-45204 spec.